

Application No.: 10/533,380

Docket No.: 1209-0149PUS1

AMENDMENTS TO THE SPECIFICATION

The Abstract of the Disclosure is being amended as follows:

ABSTRACT

A chemically bonded biomaterial element composed of an inorganic cement, exhibiting minimal dimensional changes upon hardening and long-time use, improved mechanical properties and improved translucency. An algorithm to describe the micro-structure is expressed as

$$\lambda = \frac{d * (1 - V_F)}{(V_F)}$$

where λ is the distance between filler particles of mean size d , and V_F is the volume content of non-reacted cement and added filler, and where ~~$\lambda = 10 \mu\text{m}$~~ $\lambda \leq 10 \mu\text{m}$. The invention also relates to a device in connection with the preparation of a chemically bonded biomaterial element according to the invention.

A clean copy of the abstract is also attached hereto.